

the at least one endovascular support device by the balloon;

advancing the balloon catheter and the at least one encapsulated endovascular support device to an area to be treated within the vessels;

B¹ inflating the balloon of the balloon catheter to expand the at least one encapsulated endovascular support device within the area to be treated; and

deflating the balloon of the balloon catheter so that the balloon pulls away from the at least one endovascular support device.

C Please add the following new claim:

14 33. A method for treating narrowing of vessels within humans comprising the steps of:

B² introducing a stent delivery system into a vessel, the stent delivery system comprising at least one endovascular support device mounted on a balloon of a balloon catheter, the at least one endovascular support device anchored to the balloon by encapsulation of the at least one endovascular support device by the balloon;

advancing the stent delivery system to an area to be treated within the vessels;
inflating the balloon of the balloon catheter to expand the at least one encapsulated endovascular support device within the area to be treated; and

deflating the balloon of the balloon catheter so that the balloon pulls away from the at least one endovascular support device.

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